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FEET TRANSMITTAL FOR FY 2004

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement.
Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$240.00)

Complete if Known	
Application Number	10/633,794
Filing Date	August 4, 2003
First Named Inventor	Horn
Examiner Name	NOT ASSIGNED
Group / Art Unit	NOT ASSIGNED
Attorney Docket No.	SD-8471

METHOD OF PAYMENT (check one)

The Commissioner is hereby authorized to charge

1. Indicated fees and credit any over payments to:Deposit Account Number **50-0583**Deposit Account Name **SNL BY KCO**2. Charge Any Additional Fee Required Under
37 CFR 1.16 and 1.17

2. Payment Enclosed:

 Check Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Entity Fee (\$)	Small Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	130.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner	
1251	110	2251	55	Extension for reply within first month	110.00
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	138	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	460	2502	230	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final refection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____					
Other fee (specify) _____					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **\$240.00-**SUBTOTAL (2) **(\$0-)**

SUBMITTED BY

Name (Print/Type) **Timothy P. Evans**

Complete (if applicable)

Reg. Number **41,013**Telephone **(925) 294-3690**

Signature

Date **1/8/2004**

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

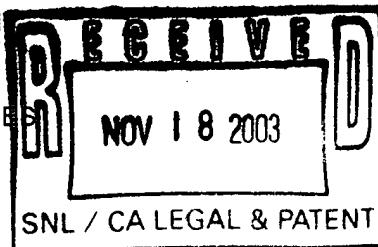


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
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 Alexandria, Virginia 22313-1450
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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/633,794	08/04/2003	Brent A. Horn	SD-8471

21568
 TIMOTHY P EVANS
 SANDIA NATIONAL LABORATORIES
 P O BOX 969 MS 9141
 LIVERMORE, CA 945510969



CONFIRMATION NO. 7243
FORMALITIES LETTER



OC000000011195510

Date Mailed: 11/06/2003

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

01/16/2004 SZEWDIE1 00000017 500583 10633794 **FILED UNDER 37 CFR 1.53(b)**

01 FC:1051 130.00 DA *Filing Date Granted*

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

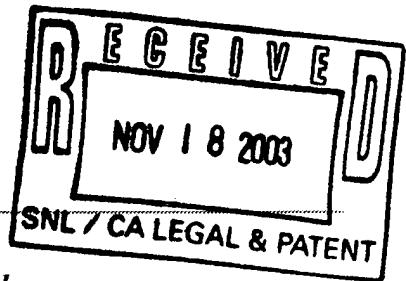
- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 1a & 1b.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450



*A copy of this notice **MUST** be returned with the reply.*

N. Mohammed

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



Certificate of Mailing Under 37 CFT § 1.8

I hereby certify that this correspondence and documents referred to herein
(Declaration, Drawings & Petition for Extension of Time) were deposited with the
United States Postal Service addressed to:

MS Missing Parts
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

on the date shown below:

Date of Deposit: 12 Jan 04

Person Making Deposit: Michelle M. Morris Signature: Michelle M. Morris

Application Serial No. -10/633,794 - SD-8471

For Applicant(s): Horn